

AMENDMENTS TO THE SPECIFICATION

Please replace the first full paragraph beginning at page 1, line 6 with the following rewritten paragraph:

The present invention relates to a gas sensor for sensing gas, such as oxygen (O_2), carbon dioxide (CO_2), carbon monoxide (CO), water (H_2O), hydrocarbon (e.g., CH_4 , ~~C_2H_6~~ , C_2H_6 or C_3H_8), nitrogen oxide (NO_x), or sulfur oxide (SO_x), and more particularly to a flat limiting-current-type sensor and an oxygen-containing gas component sensor in which negative and positive electrodes are disposed on the same side of a solid electrolyte substrate, and the concentration of a particular gas contained in a gas to be measured (hereinafter referred to as "measurement gas") is determined through the restriction of gas diffusion to the negative electrode.